

**HARNESS, DICKEY & PIERCE, P.L.C.**

Attorneys and Counselors  
5445 Corporate Drive, Suite 400  
Troy, Michigan 48098-2683  
Phone: 248-641-1600  
Fax: 248-641-0270

St. Louis, MO • Washington, D.C.

Approved  
for entry  
2/4/04  
DT

DATE: January 29, 2004

No. OF PAGES (INCLUDING THIS PAGE): 13

FOR: Dean O. Takaoka, Examiner, Group Art: 2817

COMPANY: U.S. Patent &amp; Trademark Office

FAX No.: (571) 273-1772

PHONE:

ORIGINAL WILL FOLLOW BY:

☐ REGULAR MAIL☐ OVERNIGHT MAIL☐ COURIER☒ WILL NOT FOLLOW

FROM: Gregory A. Stobbs

Please let us know by phone or fax if you do not receive any of these pages.

## COMMENTS:

Re: Serial No.: 09/881,235  
Filed: June 14, 2001  
Inventor: Akira Enokihara et al.  
For: Resonator and High-Frequency Filter  
Examiner: Dean O. Takaoka; Group Art: 2817  
Attorney Docket No.: 5077-000055

Dear Mr. Takaoka:

Enclosed please find the Transmittal Form (in duplicate) and a 10 page Amendment regarding the above-referenced matter.

Should you have any questions, please feel free to contact me.

Very truly yours,


Gregory A. Stobbs



## \*\*\* NOTICE \*\*\*

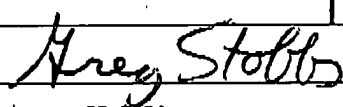
The information contained in this telefax transmission is intended only for the individual to whom or entity to which it is addressed. It may also contain privileged, confidential, attorney work product or trade secret information which is protected by law. If the reader of this message is not the intended recipient, or an employee or agent responsible for delivering the message to the addressee, the reader is hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please immediately notify us by telephone and return the original message to us at the address above via the U.S. Postal Service. We will reimburse you for any reasonable expense (including postage) for the return of the original message.

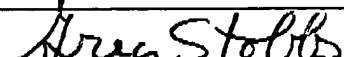
HDP/SB/21 based on PTO/SB/21 (08-00)

Please type a plus sign (+) inside this box → 


|  |                        |                        |
|--|------------------------|------------------------|
| <b>TRANSMITTAL FORM</b><br><i>(to be used for all correspondence after initial filing)</i> | Application Number     | 09/881,235             |
|  | Filing Date            | June 14, 2001          |
|  | First Named Inventor   | Akira Enokihara et al. |
|  | Group Art Unit         | 2817                   |
|  | Examiner Name          | Dean O. Takaoka        |
| Total Number of Pages in This Submission   | Attorney Docket Number | 5077-000055            |

| ENCLOSURES (check all that apply)   |  |  |
|---|--|--|
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input checked="" type="checkbox"/> Amendment / Response<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Response to Missing Parts/Incomplete Application<br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application)<br><input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) ____ | <input type="checkbox"/> After Allowance Communication to Group<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input type="checkbox"/> Other Enclosure(s) (please identify below): |
| Remarks   | The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.   |  |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |   |               |                   |
|--|---|---------------|-------------------|
| Firm or Individual name                    | Harness, Dickey & Pierce, P.L.C.  | Attorney Name | Gregory A. Stobbs |
|  |   | Reg. No.      | 28,764            |
| Signature                                  |  |               |                   |
| Date                                       | January 29, 2004  |               |                   |

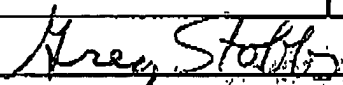
| CERTIFICATE OF MAILING/TRANSMISSION   |   |                        |                  |
|---|---|------------------------|------------------|
| I hereby certify that this correspondence is being deposited with the United States Postal Service as express mail in an envelope addressed to: Director of the U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office on the date indicated below. |   |                        |                  |
| Typed or printed name   | Gregory A. Stobbs   | Express Mail Label No. |                  |
| Signature   |  | Date                   | January 29, 2004 |

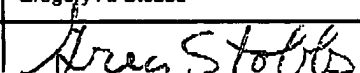
HDP/SB/21 based on PTO/SB/21 (08-00)

Please type a plus sign (+) inside this box → 

|   |                        |                        |
|---|------------------------|------------------------|
| <b>TRANSMITTAL FORM</b><br>(to be used for all correspondence after initial filing) | Application Number     | 09/881,235             |
|   | Filing Date            | June 14, 2001          |
|   | First Named Inventor   | Akira Enokihara et al. |
|   | Group Art Unit         | 2817                   |
|   | Examiner Name          | Dean O. Takaoka        |
| Total Number of Pages in This Submission  | Attorney Docket Number | 5077-000055            |

| ENCLOSURES (check all that apply)   |   |  |
|---|---|--|
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input checked="" type="checkbox"/> Amendment / Response<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Response to Missing Parts/Incomplete Application<br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application)<br><input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Group<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input type="checkbox"/> Other Enclosure(s) (please identify below): |
| Remarks   |   | The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.   |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |   |                                  |                 |
|--|---|----------------------------------|-----------------|
| Firm or Individual name                    | Harness, Dickey & Pierce, P.L.C.  | Attorney Name: Gregory A. Stobbs | Reg. No. 28,764 |
| Signature                                  |  |                                  |                 |
| Date                                       | January 29, 2004  |                                  |                 |

| CERTIFICATE OF MAILING/TRANSMISSION   |   |                        |                  |
|---|---|------------------------|------------------|
| I hereby certify that this correspondence is being deposited with the United States Postal Service as express mail in an envelope addressed to: Director of the U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office on the date indicated below. |   |                        |                  |
| Typed or printed name   | Gregory A. Stobbs   | Express Mail Label No. |                  |
| Signature   |  | Date                   | January 29, 2004 |

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 09/881,235  
Filing Date: June 14, 2001  
Applicant: Akira Enokihara et al.  
Group Art Unit: 2817  
Examiner: Dean O. Takaoka  
Title: Resonator and High-Frequency Filter  
Attorney Docket: 5077-000055

---

Mail Stop Non-Fee Amendment  
Director of The United States Patent and Trademark Office  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**AMENDMENT**

Sir:

In response to the Office Action mailed November 17, 2002, please amend the application as follows and consider the remarks set forth below.

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 9 of this paper.